



# Electronic Filing System (EFS) Data

## Electronic Patent Application Submission

### USPTO Use Only

EFS ID: 51885

Application ID: 10643123



Title of Invention: Method and Apparatus for Using  
an On-Chip Ring Oscillator for  
Chip Identification

First Named Inventor: Frank Hui

Domestic/Foreign Application: Domestic Application

Filing Date: 2003-08-18

Effective Receipt Date: 2003-12-09

Submission Type: Information Disclosure  
Statement

Filing Type:

Confirmation number: 3499

Attorney Docket Number: 075903-222

Total Fees Authorized:

Digital Certificate Holder: cn=John L. DeAngelis,ou=Registered Attorneys,ou=Patent and  
Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US  
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## TRANSMITTAL

electronic Version v1.1  
Stylesheet Version v1.1.0

Title of Invention	Method and Apparatus for Using an On-Chip Ring Oscillator for Chip Identification	
Application Number:	10/643123 	
Date:	2003-08-18	
First Named Applicant:	Frank Yauchee Hui	
Confirmation Number:	3499	
Attorney Docket Number:	075903-222	
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Submitted by:	Elec. Sign.	Sign. Capacity
John L. DeAngelis Jr. Registered Number: 30,622	/John L. DeAngelis, Jr./	Attorney
Documents being submitted us-ids	Files Agere222-usidst.xml us-ids.dtd us-ids.xsl	
Comments		



## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	Method and Apparatus for Using an On-Chip Ring Oscillator for Chip Identification		
Application Number:	10/643123 		
Confirmation Number:	3499		
First Named Applicant:	Frank Hui		
Attorney Docket Number:	075903-222		
Art Unit:	2826		
Search string:	( 5266890 or 5486786 or 5686855 or 6463570 ).pn.		

### US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	5266890	1993-11-30	Kumbasar, et al			
	2	5486786	1996-01-23	Lee			
	3	5686855	1997-11-11	Lee			
	4	6463570	2002-10-08	Dunn, et al			

### Signature

Examiner Name	Date